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Lab - Rate Limiting

#### Wherein ...

 We also choose to add traffic throttling designed to mediate DDOS attacks, and

Also want to manage how many requests individuals can make to our systems

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### Add a Spike Arrest policy

- Start Policy <Rate> @ "2pm"
  - 1 request every 60/2 = 30 secs
- In Trace, Send repeatedly to Test for "500" error (validate policy is working)
- Reset <Rate> to "200ps"
  - 1 request every 1000/200 = 5 msec

Add Step Existing New Policy Instance TRAFFIC MANAGEMENT **Quota** M Spike Arrest Concurrent Rate Limit Response Cache Lookup Cache Populate Cache Invalidate Cache Reset Quota

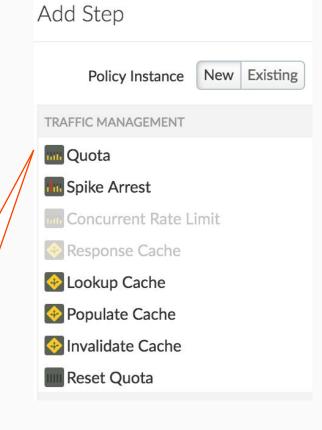
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Spike Arrest policy

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## Add a Quota policy

- Start Policy @ "2pm"
  - "Allow" 2; "Interval" = 1; "TimeUnit" = minute
- In trace, Test for "500" error code
- Reset "Allow" to "50"



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Quota policy

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#### Quota Policy - Feed values from the API Product

• Find the API Product Quota variable names (in the docs or trace); Test

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# THANK YOU